

RAILROAD TIME TABLES			
SOUTHERN PACIFIC RAILROAD.			
STATIONS.	WEST.	STATIONS.	WEST.
San Francisco	4:45 p. m.	San Francisco	4:45 p. m.
Los Angeles	1:30 p. m.	Los Angeles	1:30 p. m.
Yuma	11:30 a. m.	Yuma	11:30 a. m.
Maricopa	9:45 a. m.	Maricopa	9:45 a. m.
Tucson	7:45 a. m.	Tucson	7:45 a. m.
Benson	6:45 a. m.	Benson	6:45 a. m.
El Paso	5:45 a. m.	El Paso	5:45 a. m.

LIBRARY NOTES.
 100 A. M. to 12:00 P. M. Miss A. Hill.
 2:00 P. M. to 5:00 P. M. Librarian.

PROFESSIONAL CARDS.

JAMES S. ROBINSON, ATTORNEY
 at Law, Tombstone, Arizona. Will practice in all the courts of the Territory, and in the Supreme Court of the United States.
 Office Corner 10th and Allen streets.

ARTHUR FINE, VIOLINIST. LESSONS GIVEN on reasonable rates. Address Box 434.

FRANK E. HERRFORD, SETH B. HAZARD, HERRFORD & HAZARD.
 Lawyers, Tucson, Arizona, have established an office at Tombstone with S. A. D. Upton, attorney at law, and will attend each court term at Tombstone.

WILLIAM SCHRI SHER, JUSTICE OF THE PEACE. Notes & Conveyances. Office in Wallace Bldg., Bisbee, Ariz.

DR. J. W. FARRINGTON, DENTISTRY in all its branches, satisfaction guaranteed. Office—Shearer Building, Bisbee, Arizona.

C. W. SWAIN, ATTORNEY-AT-LAW. Will practice in all the courts of the Territory, Tombstone, Arizona.

ALLEN R. ENGLISH, ATTORNEY AND COUNSELLOR-AT-LAW. Office on Fourth Street, Tombstone, Arizona.

W. C. STAEBLE, ATTORNEY AND COUNSELLOR. Tombstone, Cochise County, A. T.

S. K. WILLIAMS, JUSTICE OF THE PEACE. Notary Public; Conveyancer. Bills Collected a Specialty.

DR. EDMUNDSON—PHYSICIAN AND SURGEON. Bisbee, Arizona. Office at his residence, Shearer building, next to Dr. Farrington's.

GUSTAVE HEMPEL, PIANO TEACHER. Lessons in instrumental music. Call at Del Lewis's.

Law Offices of
LOGAN, DEMOND & HARRY.
 27 William Street, New York.

WALTER S. LOGAN, CHARLES M. DEMOND, MAX E. HARRY. NOTION CHASE FRED C. HANFORD.

Represented in Arizona by Norton Chase same Hotel, Phoenix.

THE FRATERNITIES.

PEREGRINE ASSHUR LODGE, NO. 12, F. & A. M. Meets first Thursday of each month. Visiting brethren cordially invited to attend.
 C. C. WARREN, W. M. J. L. BROWN, Secretary.

LANDMARK CHAPTER NO. 6, R. A. M. Meets every second Tuesday in each month. Visiting companions in good standing are fraternally invited to visit.
 FRANK J. GRAY, Secretary.

JOHN LODGE, NO. 8, A. O. U. W. MEETS every Saturday evening. Visiting brothers cordially invited. Wm. Qualls, W. M. Alfred Godfrey, Recorder, H. C. FRANKLIN, Financial.

U. O. O. F. BISBEE LODGE, NO. 10, MEETS every Wednesday evening. Visiting brothers cordially invited to attend. A. T. WOOD, W. M. A. S. SMITH, R. S.

IMPROVED ORDER OF RED MEN, COCHISE Tribe No. 7, meet every Thursday evening at the Opera House Hall. Visiting brothers cordially invited. M. C. BENTON, Sachem.

A. MAREY, C. O. R. Dr. Edmundson, Medicine Man.

HOME FORUM—Bisbee Forum No. 1958, meets first and third Monday in each month. Opera House, 7:30 p. m. Visiting companions always welcome.
 H. W. Studley, Pres. T. P. Devine, Treas. Wm. Scribner, Sec.

COURT HOWELL, NO. 14, FORESTERS OF AMERICA meet every Wednesday night.
 A. T. WOOD, W. M. J. L. BROWN, Secretary.

THE FRATERNAL BROTHERHOOD—INDEPENDENCE LODGE, NO. 58, meets every first and third Wednesdays of the month. Visiting members are cordially invited.
 W. E. SUTCLIFF, President. FRED FINE, Secretary.

Caution Notice.

ALL PERSONS are hereby warned against buying, leasing, or in any way seeking to obtain any right, title, interest or control of any certain mining claims in the Huachuca Mountains, recently attempted to be located by J. H. Eppert and S. V. Danton. Said attempted locations are called "Summit" and "Monarch", respectively, and attempt to appropriate the mining ground under the locations long and well known as the OUTLOOK and OUTLOOK EXTENSION, situated near the summit of the middle peak of the range between the head of Kanab and Maple Canyons, which claims were not open for location at the date of said attempted appropriation by said J. H. Eppert and S. V. Danton.

Furthermore, all work done on said ground of the OUTLOOK and OUTLOOK EXTENSION by said parties aforesaid is hereby claimed and the same will be for the benefit of said OUTLOOK and OUTLOOK EXTENSION mining claims, the property of the undersigned.
 J. W. STUMP & CO., September 26th, 1899. SEP27-101

NOTICE.

To Whom it May Concern.

All persons knowing themselves to be indebted to us are kindly requested to call and settle at once, as we have disposed of our business.

Business Done Sroun,
J. S. Williams & Co. Prop'rs.
 Bisbee, Oct. 8.

Lost—A small gold brooch, with diamond center. Lost between the residence of Lewis Williams and that of Charles Stinson. Finder will be liberally rewarded by returning same to said office.

C. A. NEWMAN, O. K. Street, Bisbee, Arizona.
 Tinner, Plumber and Sheet Metal Worker.
 Second Hand Goods Bought and Sold.

Palace Livery, Feed and Sale Stables,
 TIM GRIFFITH, Proprietor.
 Finest Turnouts in the City,
 Horses boarded by the week, day or month. Horses bought and sold. Complete hack service. Hacks will meet all trains. Good service.
 Upper Main St. Bisbee, Arizona

TURF SALOON.
 JAS. LETSON, Proprietor

The Home Bakery . . .
 J. A. S. MILLER, Prop.
 Is now open for business in the Duffy building, Brewery Gulch, and is now ready to furnish patrons with the best of
 Fresh Bread, Cakes and Pies
 At ed-Rock Prices.
 He will also continue business for a time at the old stand, O. K. Street, next to the Orb office.

Are You Agoing To be Hoodooed All Your Life?
 We kill all of our own meats under close inspection, therefore in buying your meats from us you are taking no chances of eating diseased meats, that you are liable to when buying from parties that ship dressed meats from out of town, where there is liable to be hog cholera or Texas fever, and you know nothing about what kind of meat you are eating. We handle nothing only the best that money can buy. Satisfaction guaranteed.

C. A. Overlock & Bro.,
 Union Market.

THE AZURITE
 GEO. DUNN, Proprietor.
 Your Trade Solicited.
 Everybody Welcome.
MONTEZUMA HOTEL,
 Bisbee trade especially catered to.
 LEON LARRIEU, Proprietor.
 FAIRBANK, ARIZONA.

4 Important Gateways 4
 THROUGH. FAST. FREIGHT

TEXAS AND PACIFIC RAILWAY
 EL PASO NEW ORLEANS
 AND PASSENGER SERVICE
 The direct through line from Arizona and New Mexico to all points in the north, east and southeast. Low altitude. Perfect passenger service. Through cars. No lay-overs. Latest Pattern Pullman Buffet Sleepers. Handsome New Chair Cars. Speed, safety and comfort combined.
 For particulars address:
 B. F. DABYSHIRE,
 S. W. F. & P. A.,
 El Paso, Texas.
 R. W. CURTIS,
 T. F. & P. A.,
 El Paso, Texas.
 E. P. TURNER,
 G. P. & T. A., Dallas, Texas.
 "NO TROUBLE TO ANSWER QUESTIONS."

Articles of Incorporation
 —OF—
The Bisbee West Copper Mining Company.
 Know all men by these presents that we, Daniel Innes, H. Jevie, George L. Cole, C. C. Allen, E. Gilman, J. J. Loneragan, J. F. Hoynton, P. E. Weaver and A. S. Robbins, all of the county of Los Angeles, State of California, hereby associate ourselves together for the purpose of becoming incorporated under the provisions of Chapter 2, Title 12, of the Revised Statutes of the Territory of Arizona, and do hereby adopt the following articles of incorporation:

ARTICLE I.
 The name of this corporation shall be "The Bisbee West Copper Mining Company."

ARTICLE II.
 The names of the incorporators of this corporation are Daniel Innes, H. Jevie, Geo. L. Cole, C. C. Allen, E. Gilman, J. J. Loneragan, J. F. Hoynton, P. E. Weaver and A. S. Robbins, all of Los Angeles county, California.

ARTICLE III.
 The principal place of business of this corporation shall be in the city of Bisbee, in the county of Cochise and Territory of Arizona.

ARTICLE IV.
 The general nature of the business proposed to be transacted by this corporation is and shall be the buying, selling, leasing, owning, holding, possessing and operating of mills, mill sites, real estate, and other personal property; the construction and operation of mills and smelters for the milling, smelting, refining and reduction of ores of mineral, and the purchase and sale of the general dealing of and in ores, metals and minerals; to acquire, own, hold, sell and deal in personal property and merchandise, and generally to own, hold, acquire and deal in any property and to do or transact anything necessary to engage in and carry on and transact general mining, milling, smelting and metallurgical business in connection with such mine and mill business, and to hold, acquire, own and sell any property, and to do any act or thing necessary for the carrying on of all engaging in any of said foregoing business.

ARTICLE V.
 The amount of capital stock authorized by said corporation is and shall be four million dollars (\$4,000,000) to be divided into four million (4,000,000) shares of the par value of one dollar (\$1.00) per share, and that time when and conditions upon which it is to be paid are as follows: All stock issued must be paid for in cash or property upon issuance, and shall thereafter be non-assessable for any purpose whatever.

ARTICLE VI.
 The time of the commencement of this corporation shall be the date of the filing of these articles of incorporation in the office of the County Recorder of Cochise county, Arizona Territory, and the termination thereof shall be twenty-five years thereafter, unless the same be renewed pursuant to the laws of Arizona before the termination thereof.

ARTICLE VII.
 The affairs of this corporation are to be conducted by a board of nine (9) directors, to be elected annually on the first Tuesday of October of each year; provided, however, that as soon as practicable after the filing of these articles of incorporation the stockholders shall elect a board of directors to hold office until the first Monday in October, 1900, or until their successors are elected and qualified.

ARTICLE VIII.
 Each stockholder of this corporation, in all elections for directors and other elections, and on the consideration of all questions at the stockholders' meetings, shall have the right to vote in person or by proxy the number of shares owned by him, as given on the books of the company, each share of stock being entitled to one vote.

ARTICLE IX.
 The officers of the said corporation shall be a President and Vice-President, who shall be directors of said corporation; a general manager and secretary and treasurer, and such subordinate officers and assistants as may be deemed necessary.

ARTICLE X.
 All officers shall be elected by the board of directors after the annual election of said directors, and shall hold office at the will and pleasure of said directors.

ARTICLE XI.
 Vacancies in the board of directors shall be filled as may be provided in the by-laws.

ARTICLE XII.
 The highest amount of indebtedness or liability for which the corporation is at any time to be liable shall be the sum of one hundred thousand dollars (\$100,000).

ARTICLE XIII.
 The private property of the stockholders of this corporation shall be exempt from all corporate debts, and the stockholders of said corporation are hereby exempted from all liability for any debt of said corporation.

ARTICLE XIV.
 This corporation shall have an office for the transaction of its business in the State of California, at the city of Los Angeles therein, and said board of directors shall transact the business of said corporation at said city, and the annual meeting and elections may be held thereat.

ARTICLE XV.
 Section 1. The board of directors shall have the power to make, adopt and amend by-laws for the government of the affairs of the corporation.

ARTICLE XVI.
 Section 2. The board of directors shall have the power to borrow money, execute corporate notes or bonds of the corporation, and to secure the payment of the same by mortgage on property of the corporation, or in any other manner designated by said by-laws.

ARTICLE XVII.
 These articles of incorporation may be amended at any annual meeting of the stockholders, or at any special meeting of the stockholders called for that purpose, by a majority vote of the stock of the corporation then issued in favor of such amendment. In witness whereof we have hereunto set our hands and seals this 21st day of October, 1899.

DANIEL INNES, (Seal)
H. JEVIE, (Seal)
GEORGE L. COLE, (Seal)
E. GILMAN, (Seal)
J. J. LONERAGAN, (Seal)
J. F. HOYTONT, (Seal)
C. C. ALLEN, (Seal)
P. E. WEAVER, (Seal)
A. S. ROBBINS, (Seal)

State of California, ss
 I, Notary Public in and for the county of Los Angeles, do hereby certify that the foregoing is a true and correct copy of the articles of incorporation of the Bisbee West Copper Mining Company, as the same appear on file and record in my office, and that the same is forever non-assessable.

Notary Public in and for the county of Los Angeles, State of California.
 My commission expires on the 22nd day of April, 1900.
 Intern. Revenue stamp, 10 cents, canceled.
 Filed and recorded at request of A. S. Robbins October 25, 1899, at 9 a. m., in book 1 of Incorporations, pages 450, 451, 452, 453.
 FRANK H. HILL, County Recorder.
 by LEE O. WOOLLEY, Deputy.
 First publication Oct. 30, 1899.

Do you want your old watch good as new? If so have it repaired by Hinkle, the jeweler, in Blewett's shoe store.

50 YEARS' EXPERIENCE
PATENTS
 TRADE MARKS
 DESIGNS
 COPYRIGHTS & C.
 Anyone sending a sketch and description will quickly ascertain our opinion free whether an invention is probably patentable. Communications strictly confidential. Handbook on Patents sent free. Oldest agency for securing patents. Patents taken through Bureau. No advance special notice, without charge, in the

Scientific American.
 A handsomely illustrated weekly. Largest circulation of any scientific journal. Terms, \$5 a year, four months \$1.50. Sold by all newsdealers.
MUNN & CO. PUBLISHERS,
 215 NASSAU ST. N. Y. C.

Reliable Assays.
 Gold, Silver, Copper, Lead, Zinc, Tin, Iron, Nickel, Cobalt, Manganese, Potash, Soda, Lime, Magnesia, Silica, Alumina, Phosphoric Acid, Sulphur, Nitrogen, Carbon, Hydrogen, Oxygen, Chlorine, Bromine, Iodine, Fluorine, Barium, Strontium, Calcium, Magnesium, Sodium, Potassium, Lithium, Rubidium, Cesium, Bismuth, Antimony, Arsenic, Tellurium, Selenium, Molybdenum, Vanadium, Chromium, Manganese, Nickel, Cobalt, Iron, Copper, Silver, Gold, Platinum, Palladium, Rhodium, Iridium, Osmium, Rhenium, Niobium, Tantalum, Zirconium, Hafnium, Yttrium, Lanthanum, Cerium, Praseodymium, Neodymium, Promethium, Samarium, Europium, Gadolinium, Terbium, Dysprosium, Holmium, Erbium, Thulium, Ytterbium, Lutetium, Scandium, Vanadium, Chromium, Manganese, Nickel, Cobalt, Iron, Copper, Silver, Gold, Platinum, Palladium, Rhodium, Iridium, Osmium, Rhenium, Niobium, Tantalum, Zirconium, Hafnium, Yttrium, Lanthanum, Cerium, Praseodymium, Neodymium, Promethium, Samarium, Europium, Gadolinium, Terbium, Dysprosium, Holmium, Erbium, Thulium, Ytterbium, Lutetium, Scandium, Vanadium, Chromium, Manganese, Nickel, Cobalt, Iron, Copper, Silver, Gold, Platinum, Palladium, Rhodium, Iridium, Osmium, Rhenium, Niobium, Tantalum, Zirconium, Hafnium, Yttrium, Lanthanum, Cerium, Praseodymium, Neodymium, Promethium, Samarium, Europium, Gadolinium, Terbium, Dysprosium, Holmium, Erbium, Thulium, Ytterbium, Lutetium, Scandium, Vanadium, Chromium, Manganese, Nickel, Cobalt, Iron, Copper, Silver, Gold, Platinum, Palladium, Rhodium, Iridium, Osmium, Rhenium, Niobium, Tantalum, Zirconium, Hafnium, Yttrium, Lanthanum, Cerium, Praseodymium, Neodymium, Promethium, Samarium, Europium, Gadolinium, Terbium, Dysprosium, Holmium, Erbium, Thulium, Ytterbium, Lutetium, Scandium, Vanadium, Chromium, Manganese, Nickel, Cobalt, Iron, Copper, Silver, Gold, Platinum, Palladium, Rhodium, Iridium, Osmium, Rhenium, Niobium, Tantalum, Zirconium, Hafnium, Yttrium, Lanthanum, Cerium, Praseodymium, Neodymium, Promethium, Samarium, Europium, Gadolinium, Terbium, Dysprosium, Holmium, Erbium, Thulium, Ytterbium, Lutetium, Scandium, Vanadium, Chromium, Manganese, Nickel, Cobalt, Iron, Copper, Silver, Gold, Platinum, Palladium, Rhodium, Iridium, Osmium, Rhenium, Niobium, Tantalum, Zirconium, Hafnium, Yttrium, Lanthanum, Cerium, Praseodymium, Neodymium, Promethium, Samarium, Europium, Gadolinium, Terbium, Dysprosium, Holmium, Erbium, Thulium, Ytterbium, Lutetium, Scandium, Vanadium, Chromium, Manganese, Nickel, Cobalt, Iron, Copper, Silver, Gold, Platinum, Palladium, Rhodium, Iridium, Osmium, Rhenium, Niobium, Tantalum, Zirconium, Hafnium, Yttrium, Lanthanum, Cerium, Praseodymium, Neodymium, Promethium, Samarium, Europium, Gadolinium, Terbium, Dysprosium, Holmium, Erbium, Thulium, Ytterbium, Lutetium, Scandium, Vanadium, Chromium, Manganese, Nickel, Cobalt, Iron, Copper, Silver, Gold, Platinum, Palladium, Rhodium, Iridium, Osmium, Rhenium, Niobium, Tantalum, Zirconium, Hafnium, Yttrium, Lanthanum, Cerium, Praseodymium, Neodymium, Promethium, Samarium, Europium, Gadolinium, Terbium, Dysprosium, Holmium, Erbium, Thulium, Ytterbium, Lutetium, Scandium, Vanadium, Chromium, Manganese, Nickel, Cobalt, Iron, Copper, Silver, Gold, Platinum, Palladium, Rhodium, Iridium, Osmium, Rhenium, Niobium, Tantalum, Zirconium, Hafnium, Yttrium, Lanthanum, Cerium, Praseodymium, Neodymium, Promethium, Samarium, Europium, Gadolinium, Terbium, Dysprosium, Holmium, Erbium, Thulium, Ytterbium, Lutetium, Scandium, Vanadium, Chromium, Manganese, Nickel, Cobalt, Iron, Copper, Silver, Gold, Platinum, Palladium, Rhodium, Iridium, Osmium, Rhenium, Niobium, Tantalum, Zirconium, Hafnium, Yttrium, Lanthanum, Cerium, Praseodymium, Neodymium, Promethium, Samarium, Europium, Gadolinium, Terbium, Dysprosium, Holmium, Erbium, Thulium, Ytterbium, Lutetium, Scandium, Vanadium, Chromium, Manganese, Nickel, Cobalt, Iron, Copper, Silver, Gold, Platinum, Palladium, Rhodium, Iridium, Osmium, Rhenium, Niobium, Tantalum, Zirconium, Hafnium, Yttrium, Lanthanum, Cerium, Praseodymium, Neodymium, Promethium, Samarium, Europium, Gadolinium, Terbium, Dysprosium, Holmium, Erbium, Thulium, Ytterbium, Lutetium, Scandium, Vanadium, Chromium, Manganese, Nickel, Cobalt, Iron, Copper, Silver, Gold, Platinum, Palladium, Rhodium, Iridium, Osmium, Rhenium, Niobium, Tantalum, Zirconium, Hafnium, Yttrium, Lanthanum, Cerium, Praseodymium, Neodymium, Promethium, Samarium, Europium, Gadolinium, Terbium, Dysprosium, Holmium, Erbium, Thulium, Ytterbium, Lutetium, Scandium, Vanadium, Chromium, Manganese, Nickel, Cobalt, Iron, Copper, Silver, Gold, Platinum, Palladium, Rhodium, Iridium, Osmium, Rhenium, Niobium, Tantalum, Zirconium, Hafnium, Yttrium, Lanthanum, Cerium, Praseodymium, Neodymium, Promethium, Samarium, Europium, Gadolinium, Terbium, Dysprosium, Holmium, Erbium, Thulium, Ytterbium, Lutetium, Scandium, Vanadium, Chromium, Manganese, Nickel, Cobalt, Iron, Copper, Silver, Gold, Platinum, Palladium, Rhodium, Iridium, Osmium, Rhenium, Niobium, Tantalum, Zirconium, Hafnium, Yttrium, Lanthanum, Cerium, Praseodymium, Neodymium, Promethium, Samarium, Europium, Gadolinium, Terbium, Dysprosium, Holmium, Erbium, Thulium, Ytterbium, Lutetium, Scandium, Vanadium, Chromium, Manganese, Nickel, Cobalt, Iron, Copper, Silver, Gold, Platinum, Palladium, Rhodium, Iridium, Osmium, Rhenium, Niobium, Tantalum, Zirconium, Hafnium, Yttrium, Lanthanum, Cerium, Praseodymium, Neodymium, Promethium, Samarium, Europium, Gadolinium, Terbium, Dysprosium, Holmium, Erbium, Thulium, Ytterbium, Lutetium, Scandium, Vanadium, Chromium, Manganese, Nickel, Cobalt, Iron, Copper, Silver, Gold, Platinum, Palladium, Rhodium, Iridium, Osmium, Rhenium, Niobium, Tantalum, Zirconium, Hafnium, Yttrium, Lanthanum, Cerium, Praseodymium, Neodymium, Promethium, Samarium, Europium, Gadolinium, Terbium, Dysprosium, Holmium, Erbium, Thulium, Ytterbium, Lutetium, Scandium, Vanadium, Chromium, Manganese, Nickel, Cobalt, Iron, Copper, Silver, Gold, Platinum, Palladium, Rhodium, Iridium, Osmium, Rhenium, Niobium, Tantalum, Zirconium, Hafnium, Yttrium, Lanthanum, Cerium, Praseodymium, Neodymium, Promethium, Samarium, Europium, Gadolinium, Terbium, Dysprosium, Holmium, Erbium, Thulium, Ytterbium, Lutetium, Scandium, Vanadium, Chromium, Manganese, Nickel, Cobalt, Iron, Copper, Silver, Gold, Platinum, Palladium, Rhodium, Iridium, Osmium, Rhenium, Niobium, Tantalum, Zirconium, Hafnium, Yttrium, Lanthanum, Cerium, Praseodymium, Neodymium, Promethium, Samarium, Europium, Gadolinium, Terbium, Dysprosium, Holmium, Erbium, Thulium, Ytterbium, Lutetium, Scandium, Vanadium, Chromium, Manganese, Nickel, Cobalt, Iron, Copper, Silver, Gold, Platinum, Palladium, Rhodium, Iridium, Osmium, Rhenium, Niobium, Tantalum, Zirconium, Hafnium, Yttrium, Lanthanum, Cerium, Praseodymium, Neodymium, Promethium, Samarium, Europium, Gadolinium, Terbium, Dysprosium, Holmium, Erbium, Thulium, Ytterbium, Lutetium, Scandium, Vanadium, Chromium, Manganese, Nickel, Cobalt, Iron, Copper, Silver, Gold, Platinum, Palladium, Rhodium, Iridium, Osmium, Rhenium, Niobium, Tantalum, Zirconium, Hafnium, Yttrium, Lanthanum, Cerium, Praseodymium, Neodymium, Promethium, Samarium, Europium, Gadolinium, Terbium, Dysprosium, Holmium, Erbium, Thulium, Ytterbium, Lutetium, Scandium, Vanadium, Chromium, Manganese, Nickel, Cobalt, Iron, Copper, Silver, Gold, Platinum, Palladium, Rhodium, Iridium, Osmium, Rhenium, Niobium, Tantalum, Zirconium, Hafnium, Yttrium, Lanthanum, Cerium, Praseodymium, Neodymium, Promethium, Samarium, Europium, Gadolinium, Terbium, Dysprosium, Holmium, Erbium, Thulium, Ytterbium, Lutetium, Scandium, Vanadium, Chromium, Manganese, Nickel, Cobalt, Iron, Copper, Silver, Gold, Platinum, Palladium, Rhodium, Iridium, Osmium, Rhenium, Niobium, Tantalum, Zirconium, Hafnium, Yttrium, Lanthanum, Cerium, Praseodymium, Neodymium, Promethium, Samarium, Europium, Gadolinium, Terbium, Dysprosium, Holmium, Erbium, Thulium, Ytterbium, Lutetium, Scandium, Vanadium, Chromium, Manganese, Nickel, Cobalt, Iron, Copper, Silver, Gold, Platinum, Palladium, Rhodium, Iridium, Osmium, Rhenium, Niobium, Tantalum, Zirconium, Hafnium, Yttrium, Lanthanum, Cerium, Praseodymium, Neodymium, Promethium, Samarium, Europium, Gadolinium, Terbium, Dysprosium, Holmium, Erbium, Thulium, Ytterbium, Lutetium, Scandium, Vanadium, Chromium, Manganese, Nickel, Cobalt, Iron, Copper, Silver, Gold, Platinum, Palladium, Rhodium, Iridium, Osmium, Rhenium, Niobium, Tantalum, Zirconium, Hafnium, Yttrium, Lanthanum, Cerium, Praseodymium, Neodymium, Promethium, Samarium, Europium, Gadolinium, Terbium, Dysprosium, Holmium, Erbium, Thulium, Ytterbium, Lutetium, Scandium, Vanadium, Chromium, Manganese, Nickel, Cobalt, Iron, Copper, Silver, Gold, Platinum, Palladium, Rhodium, Iridium, Osmium, Rhenium, Niobium, Tantalum, Zirconium, Hafnium, Yttrium, Lanthanum, Cerium, Praseodymium, Neodymium, Promethium, Samarium, Europium, Gadolinium, Terbium, Dysprosium, Holmium, Erbium, Thulium, Ytterbium, Lutetium, Scandium, Vanadium, Chromium, Manganese, Nickel, Cobalt, Iron, Copper, Silver, Gold, Platinum, Palladium, Rhodium, Iridium, Osmium, Rhenium, Niobium, Tantalum, Zirconium, Hafnium, Yttrium, Lanthanum, Cerium, Praseodymium, Neodymium, Promethium, Samarium, Europium, Gadolinium, Terbium, Dysprosium, Holmium, Erbium, Thulium, Ytterbium, Lutetium, Scandium, Vanadium, Chromium, Manganese, Nickel, Cobalt, Iron, Copper, Silver, Gold, Platinum, Palladium, Rhodium, Iridium, Osmium, Rhenium, Niobium, Tantalum, Zirconium, Hafnium, Yttrium, Lanthanum, Cerium, Praseodymium, Neodymium, Promethium, Samarium, Europium, Gadolinium, Terbium, Dysprosium, Holmium, Erbium, Thulium, Ytterbium, Lutetium, Scandium, Vanadium, Chromium, Manganese, Nickel, Cobalt, Iron, Copper, Silver, Gold, Platinum, Palladium, Rhodium, Iridium, Osmium, Rhenium, Niobium, Tantalum, Zirconium, Hafnium, Yttrium, Lanthanum, Cerium, Praseodymium, Neodymium, Promethium, Samarium, Europium, Gadolinium, Terbium, Dysprosium, Holmium, Erbium, Thulium, Ytterbium, Lutetium, Scandium, Vanadium, Chromium, Manganese, Nickel, Cobalt, Iron, Copper, Silver, Gold, Platinum, Palladium, Rhodium, Iridium, Osmium, Rhenium, Niobium, Tantalum, Zirconium, Hafnium, Yttrium, Lanthanum, Cerium, Praseodymium, Neodymium, Promethium, Samarium, Europium, Gadolinium, Terbium, Dysprosium, Holmium, Erbium, Thulium, Ytterbium, Lutetium, Scandium, Vanadium, Chromium, Manganese, Nickel, Cobalt, Iron, Copper, Silver, Gold, Platinum, Palladium, Rhodium, Iridium, Osmium, Rhenium, Niobium, Tantalum, Zirconium, Hafnium, Yttrium, Lanthanum, Cerium, Praseodymium, Neodymium, Promethium, Samarium, Europium, Gadolinium, Terbium, Dysprosium, Holmium, Erbium, Thulium, Ytterbium, Lutetium, Scandium, Vanadium, Chromium, Manganese, Nickel, Cobalt, Iron, Copper, Silver, Gold, Platinum, Palladium, Rhodium, Iridium, Osmium, Rhenium, Niobium, Tantalum, Zirconium, Hafnium, Yttrium, Lanthanum, Cerium, Praseodymium, Neodymium, Promethium, Samarium, Europium, Gadolinium, Terbium, Dysprosium, Holmium, Erbium, Thulium, Ytterbium, Lutetium, Scandium, Vanadium, Chromium, Manganese, Nickel, Cobalt, Iron, Copper, Silver, Gold, Platinum, Palladium, Rhodium, Iridium, Osmium, Rhenium, Niobium, Tantalum, Zirconium, Hafnium, Yttrium, Lanthanum, Cerium, Praseodymium, Neodymium, Promethium, Samarium, Europium, Gadolinium, Terbium, Dysprosium, Holmium, Erbium, Thulium, Ytterbium, Lutetium, Scandium, Vanadium, Chromium, Manganese, Nickel, Cobalt, Iron, Copper, Silver, Gold, Platinum, Palladium, Rhodium, Iridium, Osmium, Rhenium, Niobium, Tantalum, Zirconium, Hafnium, Yttrium, Lanthanum, Cerium, Praseodymium, Neodymium, Promethium, Samarium, Europium, Gadolinium, Terbium, Dysprosium, Holmium, Erbium, Thulium, Ytterbium, Lutetium, Scandium, Vanadium, Chromium, Manganese, Nickel, Cobalt, Iron, Copper, Silver, Gold, Platinum, Palladium, Rhodium, Iridium, Osmium, Rhenium, Niobium, Tantalum, Zirconium, Hafnium, Yttrium, Lanthanum, Cerium, Praseodymium, Neodymium, Promethium, Samarium, Europium, Gadolinium, Terbium, Dysprosium, Holmium, Erbium, Thulium, Ytterbium, Lutetium, Scandium, Vanadium, Chromium, Manganese, Nickel, Cobalt, Iron, Copper, Silver, Gold, Platinum, Palladium, Rhodium, Iridium, Osmium, Rhenium, Niobium, Tantalum, Zirconium, Hafnium, Yttrium, Lanthanum, Cerium, Praseodymium, Neodymium, Promethium, Samarium, Europium, Gadolinium, Terbium, Dysprosium, Holmium, Erbium, Thulium, Ytterbium, Lutetium, Scandium, Vanadium, Chromium, Manganese, Nickel, Cobalt, Iron, Copper, Silver, Gold, Platinum, Palladium, Rhodium, Iridium, Osmium, Rhenium, Niobium, Tantalum, Zirconium, Hafnium, Yttrium, Lanthanum, Cerium, Praseodymium, Neodymium, Promethium, Samarium, Europium, Gadolinium, Terbium, Dysprosium, Holmium, Erbium, Thulium, Ytterbium, Lutetium, Scandium, Vanadium, Chromium, Manganese, Nickel, Cobalt, Iron, Copper, Silver, Gold, Platinum, Palladium, Rhodium, Iridium, Osmium, Rhenium, Niobium, Tantalum, Zirconium, Hafnium, Yttrium, Lanthanum, Cerium, Praseodymium, Neodymium, Promethium, Samarium, Europium, Gadolinium, Terbium, Dysprosium, Holmium, Erbium, Thulium, Ytterbium, Lutetium, Scandium, Vanadium, Chromium, Manganese, Nickel, Cobalt, Iron, Copper, Silver, Gold, Platinum, Palladium, Rhodium, Iridium, Osmium, Rhenium, Niobium, Tantalum, Zirconium, Hafnium, Yttrium, Lanthanum, Cerium, Praseodymium, Neodymium, Promethium, Samarium, Europium, Gadolinium, Terbium, Dysprosium, Holmium, Erbium, Thulium, Ytterbium, Lutetium, Scandium, Vanadium, Chromium, Manganese, Nickel, Cobalt, Iron, Copper, Silver, Gold, Platinum, Palladium, Rhodium, Iridium, Osmium, Rhenium, Niobium, Tantalum, Zirconium, Hafnium, Yttrium, Lanthanum, Cerium, Praseodymium, Neodymium, Promethium, Samarium, Europium, Gadolinium, Terbium, Dysprosium, Holmium, Erbium, Thulium, Ytterbium, Lutetium, Scandium, Vanadium, Chromium, Manganese, Nickel, Cobalt, Iron, Copper, Silver, Gold, Platinum, Palladium, Rhodium, Iridium, Osmium, Rhenium, Niobium, Tantalum, Zirconium, Hafnium, Yttrium, Lanthanum, Cerium, Praseodymium, Neodymium, Promethium, Samarium, Europium, Gadolinium, Terbium, Dysprosium, Holmium, Erbium, Thulium, Ytterbium, Lutetium, Scandium, Vanadium, Chromium, Manganese, Nickel, Cobalt, Iron, Copper, Silver, Gold, Platinum, Palladium, Rhodium, Iridium, Osmium, Rhenium, Niobium, Tantalum, Zirconium, Hafnium, Yttrium, Lanthanum, Cerium, Praseodymium, Neodymium, Promethium, Samarium, Europium, Gadolinium, Terbium, Dysprosium, Holmium, Erbium, Thulium, Ytterbium, Lutetium, Scandium, Vanadium, Chromium, Manganese, Nickel, Cobalt, Iron, Copper, Silver, Gold, Platinum, Palladium, Rhodium, Iridium, Osmium, R